

WOOD

The printer is going to print the word...



Seek & find...

The printer uses blocks with letters to form words. The letters are flipped over or 'reflected'.

5 PRINT SHOP



Seek and Find Maths Trail

KS2

Learning Resource

Use the map to visit:



amberleymuseum.co.uk

LETTER

Some letters stay the same.

LETTER



Let's flip over or 'reflect' the word.

Here is another word.

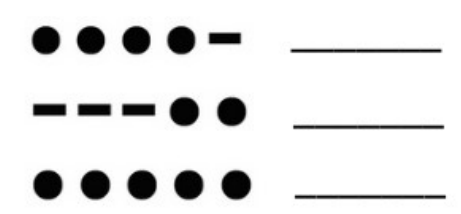
Seek & find...

The number 3 in Morse Code is



To read the code, you say... 'dit, dit, dit, dah, dah'

What are these numbers?



For numbers greater than 9, you need to use the digits, so

12 = ● - - - - ● ● - - - -

With a space between each number, write and say the Morse Code for:

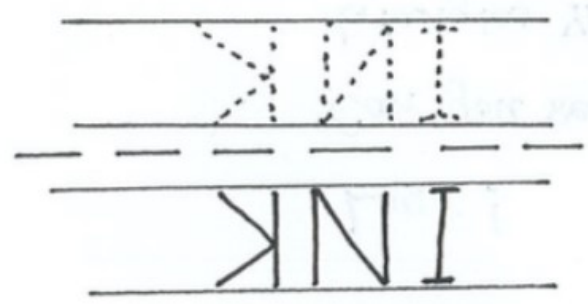
78 = _____

40 = _____

- Hot metal printing plate
- The 'fiong' - plasticised paper-mache sheet
- Half roll printing plate

These are stages of printing newspapers.

Seek & find... (next to the door...)



Now it's your turn to reflect some letters.

8 TV & RADIO EXHIBITION

Seek & find the Morse Code.

Here are numbers written in Morse Code using dots and dashes.

- 1 ● - - - -
- 2 ● ● - - -
- 3 ● ● ● - -
- 4 ● ● ● ● -
- 5 ● ● ● ● ●
- 6 - ● ● ● ●
- 7 - - ● ● ●
- 8 - - - ● ●
- 9 - - - - ●
- 0 - - - - -

13 TOOLS & TRADES HISTORY SOCIETY

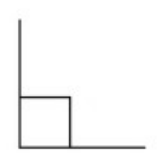
Seek & find...

an engineer's square.

It is used for making a square corner or edge.

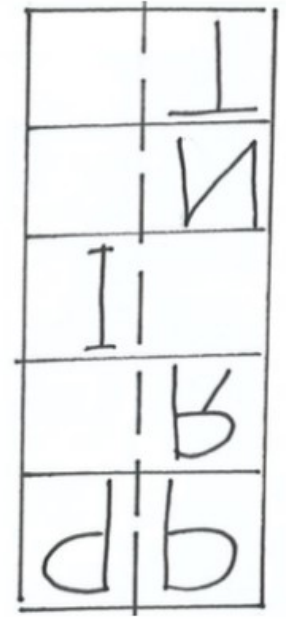


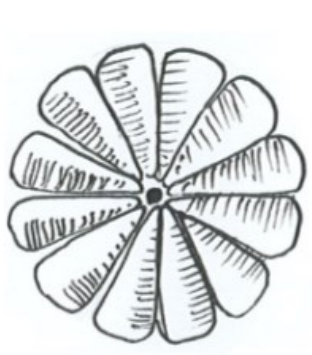
A square corner is called a right angle.



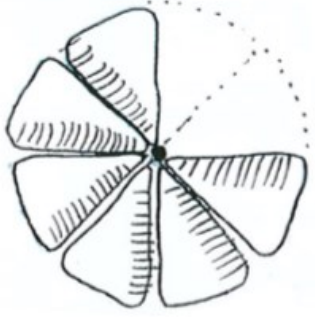
Use the picture to find some right angles for yourself.

Compare the three objects. Find the word TICKET. (It will be reflected in some places.) This time the reflection is vertical, not horizontal. Have a go at reflecting these...





This wheel has 12 fins.
 How many fins in:
 — $\frac{1}{2}$ of wheel =
 — $\frac{1}{4}$ of wheel =
 — $\frac{3}{4}$ of wheel =



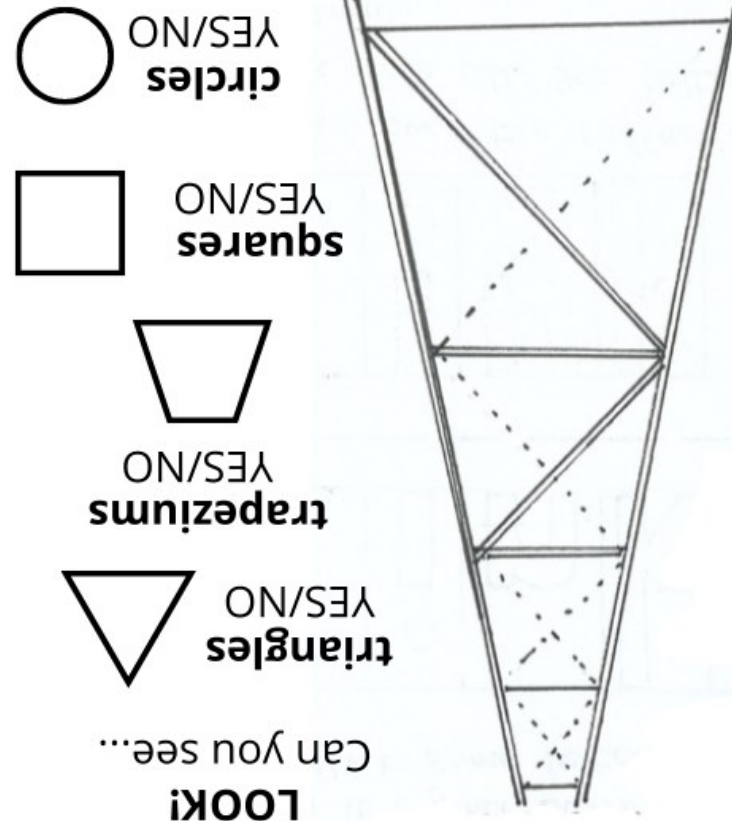
This wheel has 8 fins, $\frac{1}{4}$ of the fins are missing. Draw the missing fins in.

The DANDO has 18 fins. Count them. Here are some wheels with fins. Look at the red wheel. It turns in the wind. Is it turning?

Seek & find...



Draw your own tower for the wind pump.
 Think about how you can make it strong. Including triangles in your design will help.



Stand at the base of the tower. Can you see...
LOOK!

Seek & find...



The Dando Wind Pump uses the wind to turn the windmill. The windmill works a pump for lifting water from below the ground.



DANDO WIND PUMP

40

6 STATIONARY ENGINE SHED

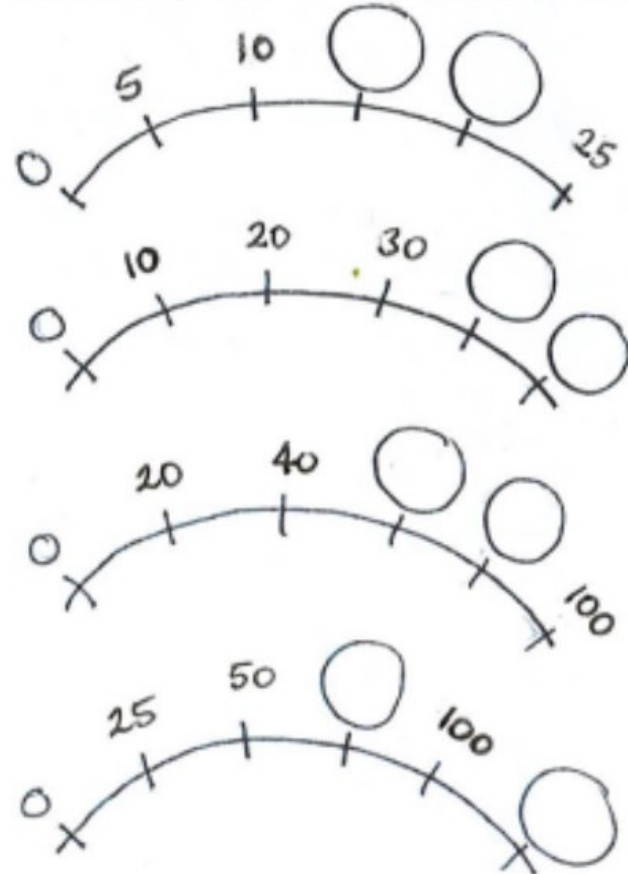
This shed is the home of lots of small engines. It can be noisy and smelly. The engines run on petrol.

Seek & find...

Meters are used for measuring electricity. They use a scale, like a number line.



Can you fill in the missing numbers on the number lines?



Seek & find...

If the engines are working, it will be noisy! Look at the meters. You may be able to see the needles have moved from 0.



Well done! You are at the end of the **SEEK and FIND MATHS TRAIL.**

Did you enjoy it? Add your smile to the face.



What did you like the best?
